

## ABSTRACT

In a radio communication system (1), a base station (3) broadcasts, to mobile stations (2-1 to 2-n: n represents a natural number), a compensation parameter needed for compensation for a possible error in detection of a received signal strength indicator, occurring in the terminal stations (2-i: i = 1 to n) due to a difference in transmission signal waveform to the terminal stations (2-i), and in the terminal stations (2-i), a received signal strength indicator compensating section (23-5) compensates for the received signal strength indicator detection error in a received signal strength indicator detecting section (22-10) on the basis of the compensation parameter broadcasted therefrom. This considerably improves the accuracy of the received signal strength indicator detection in the terminal stations (2-i).

10072055-020802